



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/167,539	10/07/1998	INH-SEOK SUH	06205.0027	1446
7590	03/18/2004		EXAMINER	YE, LIN
McGuire Woods LLP 1750 Tysons Boulevard Suite 1800 McLean, VA 22102			ART UNIT	PAPER NUMBER
			2612	20
DATE MAILED: 03/18/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory ActionApplication No.
09/167,539Applicant(s)
SUH, INH-SEOKExaminer
Lin YeArt Unit
2612

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

THE REPLY FILED 17 February 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

a) The period for reply expires 3 months from the mailing date of the final rejection.

b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.

2. The proposed amendment(s) will not be entered because:

(a) they raise new issues that would require further consideration and/or search (see NOTE below);

(b) they raise the issue of new matter (see Note below);

(c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or

(d) they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____.

3. Applicant's reply has overcome the following rejection(s): _____.

4. Newly proposed or amended claim(s) _____. would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: See attached

6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.

7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____.

Claim(s) objected to: _____.

Claim(s) rejected: 1,4,5,7,8,11,14,15 and 1719.

Claim(s) withdrawn from consideration: _____.

8. The drawing correction filed on _____. is a) approved or b) disapproved by the Examiner.

9. Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____.

10. Other: See attached

DETAILED ACTION

Response to Arguments

1. Applicant's arguments filed 2/17/04 have been fully considered but they are not persuasive as to claims 1, 4-5,7-8, 11, 15, 17, 19.

For claims 1, 4-5,7-8, 11, 15, 17, 19, the applicant argues that “reducing the size of an image” disclosed in the Ueno reference is substantially different from “compression”. The examiner disagrees. It is well known in the art that the image data compressing techniques can be subdivided into at least two categories. Data can be compressed in a lossy form (i.e. some information is lost due to compression) or in lossless form in which no original imager information is lost in the compression and subsequent expansion process. The data reduction is one of the image compression lossy scheme and the JPEG format is the example of image compression artifact reduction scheme (See Novik U.S. Patent 5,432,871, Col.1, lines 36-55 and Col. 7, lines 56-66; and Hereley U.S. Patent 5,838,818, Col.3, lines 4-7). The examiner understands the applicant trying to argue that the “compression” is lossless form which the image file is identical to the original file before compression. However, the limitation in the claims is only required for storing “the compressed image data” and does not define the means “compression” is lossless compression form. For those reasons, “reducing the size of an image” can be considered as “image compression”.

Conclusion

Art Unit: 2612

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Lin Ye** whose telephone number is **(703) 305-3250**. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Wendy R Garber** can be reached on **(703) 305-4929**.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, DC. 20231

Or faxed to:

(703) 872-9314

Hand-delivered responses should be brought to **Crystal Park II, 2121 Crystal drive, Arlington, VA., Sixth Floor (Receptionist)**.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is **(703) 306-0377**.

Lin Ye
March 9, 2004


WENDY R. GARBER
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600